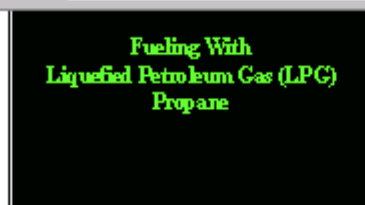


- Identify where the alternative fuel gauges, release switch and shut-off valve are located
- Never depress the accelerator when coasting
- Lock before cranking fuel
- Learn how to control your vehicle if the engine dies - **DON'T PANIC!**
- Report any problems to your supervisor and the equipment maintenance section

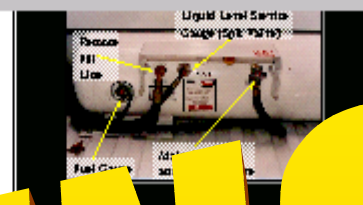
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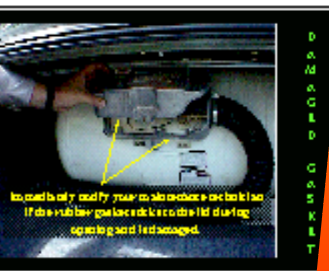
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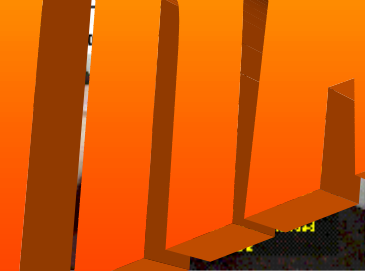
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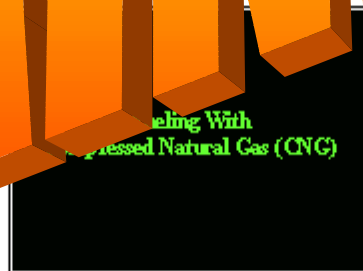
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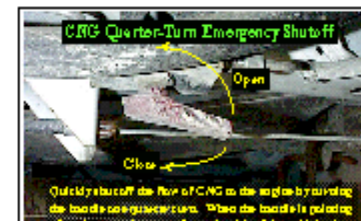
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TRAINING

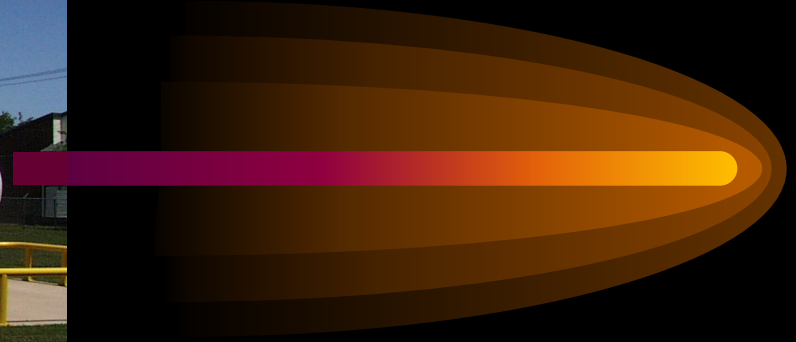
PROPANE

CNG

# *Getting Fuel*







**Most TxDOT  
Locations have  
LPG “On-site”**



# LPG

## Fueling System Optimization

• Research problem statement recently submitted to Propane Education and Research Council (PERC):

*...propose to develop and test an optimized LPG vehicle refueling system ...**without the use of a bleeder valve or a vapor-return line,** ...will optimize for safety and ease of connection; light weight; customer ergonomics; emissions performance, flow rate; and **reliability of electronic auto-shutoff...***

- Texas Railroad Commission (AFRED)
- Texas Department of Transportation
- Southwest Research Institute
- FORD
- Clean Fuels Technologies, Inc.
- Dayco Industries

# *Trading Land for Fuel*





*We Share in Their*

*Success  
or  
Failure*



# ***“Factory Equipped”***

***TxDOT purchased an additional  
534 FORD LPG trucks last week...***



- ***572 FORD OEM-LPG are currently in daily operation***
- ***44 GM OEM-CNG are currently in daily operation***

# *Aftermarket-Conversions*

## *After December 31, 2001 ???*



*Memo 1A / Full Certification*



# *Is It Cost Effective?*

- *Yes, it is...*
- *No, it isn't...*
- *Yes, in the future...*
- *No, never...*

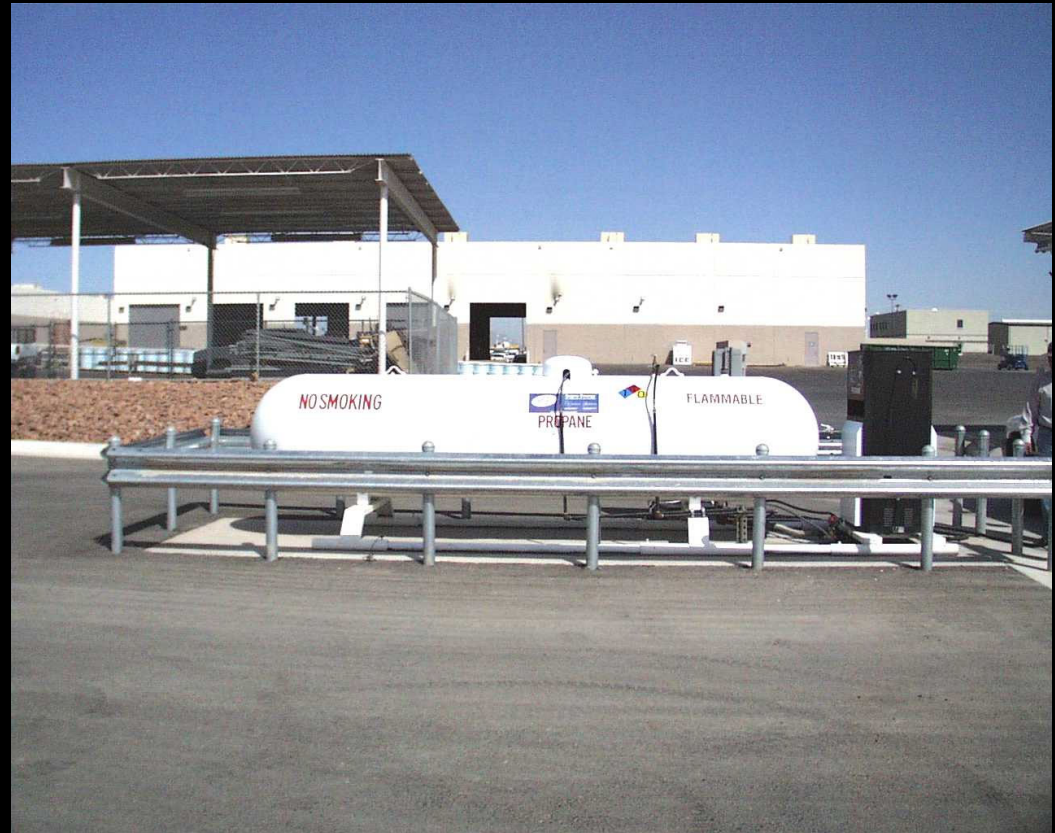
**SAE 951967**

**SAE 1999-01-0993**



# EPAct Alternative Fuel Credit Program

*7,400 Credits*

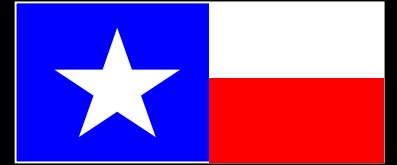




# ***For More Information***

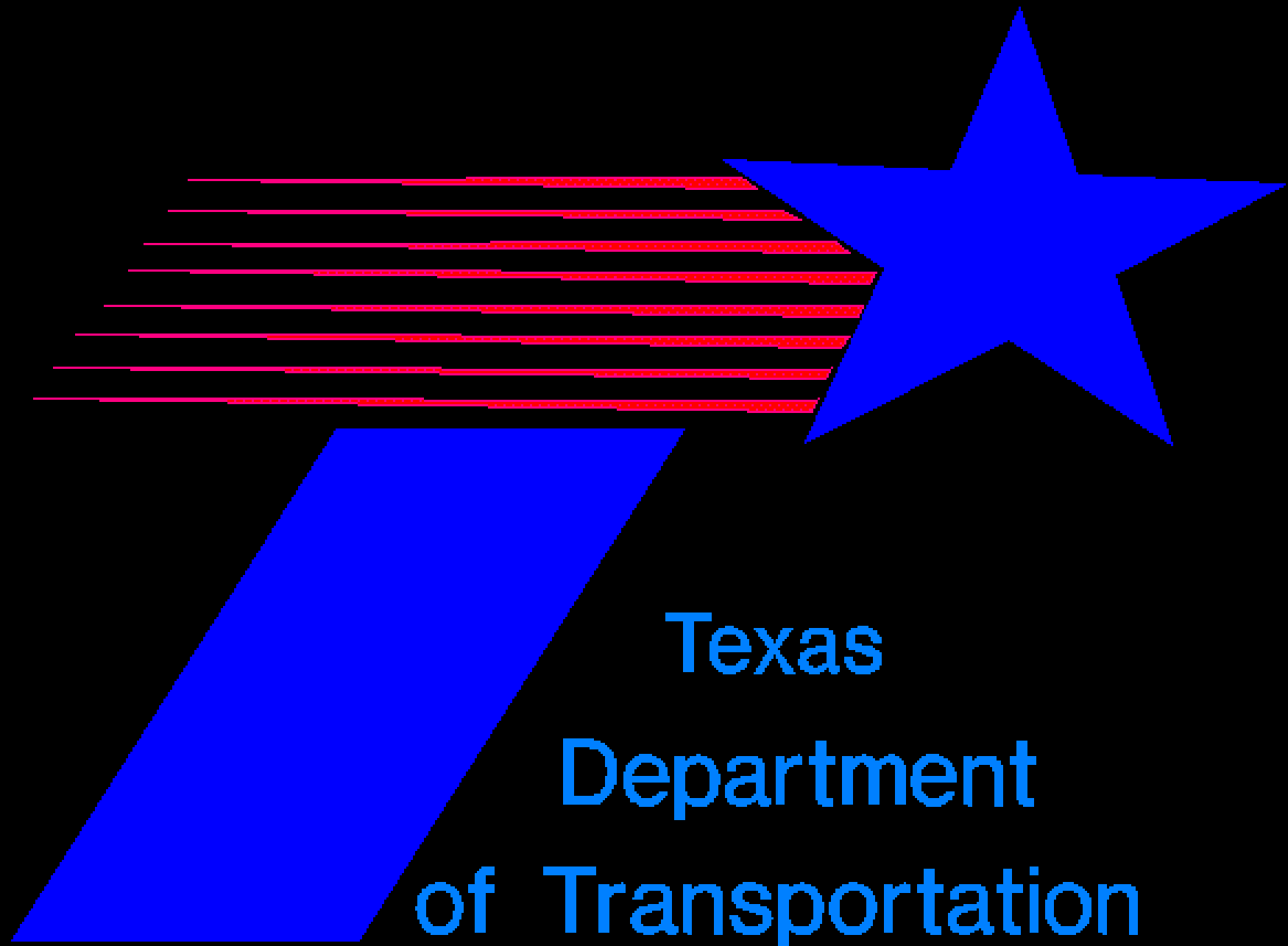


- **Don Lewis, Fleet Manager**
- **Texas Department of Transportation**
- **125 East 11 Street, Austin, TX 78701**
- **512-416-2085; 512-416-2153 (Fax)**
- **dlewis1@dot.state.tx.us**



Don't mess with Texas





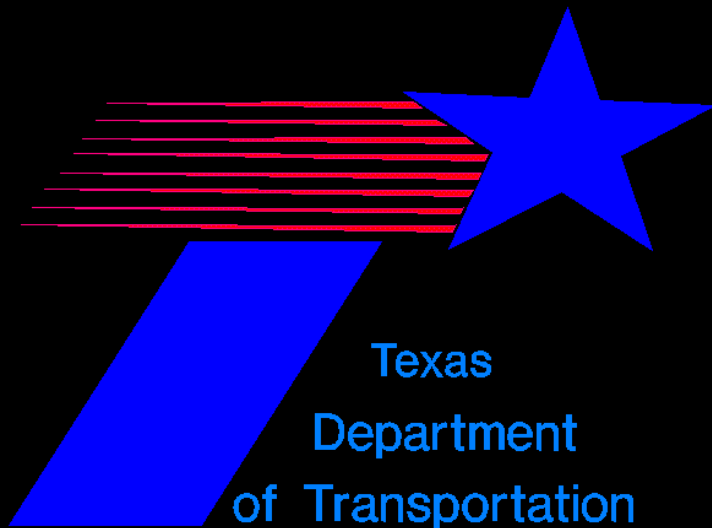
Texas

Department  
of Transportation



# Alternative Fuels

## Don Lewis



15th Annual Southeastern States  
Equipment Managers Conference  
May 6-11, 2001 - Beckley, WV